

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

SPEC. SECTION	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
806	960022	6 EACH	12 IN., 1-WAY, 3-SECTION (R,Y,G) SIGNAL HEAD MAST ARM MOUNT
816	971017	1 EACH	EIGHT PHASE, FULLY-ACTUATED TRAFFIC SIGNAL CONTROLLER, WITH INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, IN A NEMA SIZE "6" BASE MOUNTED SYSTEM READY CABINET.
816	963007	1 EACH	FOUR CHANNEL LOOP DETECTOR AMPLIFIERS (DELAY OUTPUT)
813	973023	86 S.F.	SHEET ALUMINUM SIGNS - 2 EACH R3-5 SIGN (30 IN. x 36 IN.) - "LANE USE CONTROL - LEFT ONLY" MAST ARM MOUNT - 1 EACH D3-2 SIGN (VARIABLE x 16 IN.) - (ADVANCE STREET NAME PANEL) MAST ARM MOUNT - 2 EACH D3-2 SIGN (VARIABLE x 16 IN.) - (ADVANCE STREET NAME PANEL) (DUAL FACE) BACK TO BACK - MAST ARM MOUNT - 1 EACH ONE PIECE SHIELD ASSEMBLY ON A BLACK BACKGROUND - (30 IN. x 51 IN.) POLE MOUNT: M3-4 SIGN (24 IN. x 12 IN.) "WEST" (FOR INDEPENDENT USE) M1-5 SIGN (30 IN. x 24 IN.) "MARYLAND 332" (FOR INDEPENDENT USE) M6-1 SIGN (21 IN. x 15 IN.) "DIRECTIONAL ARROW-HORIZONTAL" - 1 EACH ONE PIECE SHIELD ASSEMBLY ON A BLACK BACKGROUND - (30 IN. x 51 IN.) POLE MOUNT: M3-2 SIGN (24 IN. x 12 IN.) "EAST" (FOR INDEPENDENT USE) M1-5 SIGN (30 IN. x 24 IN.) "MARYLAND 332" (FOR INDEPENDENT USE) M6-1 SIGN (21 IN. x 15 IN.) "DIRECTIONAL ARROW-HORIZONTAL" - 1 EACH R6-1(L) SIGN (36 IN. x 12 IN.) - (ONE WAY) - POLE MOUNT - 1 EACH R6-1(R) SIGN (36 IN. x 12 IN.) - (ONE WAY) - POLE MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

SPEC. SECTION	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
104	120500	L.S.	MAINTENANCE OF TRAFFIC
205	203030	3 C.Y.	TEST PIT EXCAVATION
801	801004	11 C.Y.	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
804	837001	4 EACH	FURNISH AND INSTALL GROUND ROD - 3/4 IN. DIAMETER x 10 FT. LENGTH
805	805160	10 L.F.	FURNISH AND INSTALL 1 IN. LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE
807	807205	1 EACH	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT
810	802501	165 L.F.	FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE (NO. 6 AWG)
810	861104	955 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)
810	861107	70 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
810	862101	940 L.F.	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO. 14 AWG)
811	811001	6 EACH	FURNISH AND INSTALL ELECTRICAL HANDHOLE
813	800000	86 S.F.	INSTALL OVERHEAD SIGN
815	862102	300 L.F.	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)
816	871201	1 EACH	INSTALL EIGHT-PHASE (FULLY ACTUATED) CONTROLLER AND CABINET - BASE MOUNTED
---	800000	L.S.	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
---	873001	L.S.	REMOVE EXISTING SIGNAL EQUIPMENT TO BE SALVAGED
810	861108	395 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)
815	800000	2 EACH	FURNISH AND INSTALL 21' STEEL POLE WITH 38 FT. MAST ARM.
815	800000	1 EACH	FURNISH AND INSTALL 21' STEEL POLE WITH 50 FT. MAST ARM.
805	805011	20 L.F.	FURNISH AND INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT FOR DETECTOR SLEEVE.
805	800000	490 L.F.	FURNISH AND INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
805	800000	30 L.F.	FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
805	805150	105 L.F.	FURNISH AND INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
805	800000	15 L.F.	FURNISH AND INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.
---	500000	62 L.F.	FURNISH AND INSTALL 24" WHITE HEAT APPLIED PREFORMED PAVEMENT MARKINGS (STOP LINE).
---	800000	L.S.	DELIVERY OF SALVAGED MATERIALS
814	800000	6 EACH	INSTALL SIGNAL HEAD - ANY TYPE
---	500000	245 L.F.	FURNISH AND INSTALL 12" WHITE HEAT APPLIED PREFORMED PAVEMENT MARKINGS (CROSSWALK).
810	800000	10 L.F.	FURNISH AND INSTALL ELECTRICAL CABLE - 3 CONDUCTOR (NO. 4 A.W.G.)

EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7941 CONNELLEY DRIVE, HANOVER, MARYLAND 21076.

QUANTITY	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER AND CABINET.

- NOTES:
1. THE CONTRACTOR SHALL NOTIFY THE SHA AT 410-787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.
  2. ALL EQUIPMENT TO BE REMOVED AND NOT LISTED ABOVE SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

SS-6

**RK & K**  
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REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(A) January, 1999 Reconstruct Due To New Geometrics, SHA No. PC 23101	DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION		LOG MILE # 16033200.28
DRAWN BY: SMH DES. BY: SMH CHK. BY: BJH		MD 332 (CENTRAL AVENUE) AT CAPITOL HEIGHTS BLVD SIGNAL PLAN
DATE: JANUARY, 1999 SCALE: N/A		F.A.P. NO. SEE TITLE SHEET S.H.A. NO. PG321B21
TS/STD. NO.: 3872A-G12		SHEET NO. OF